

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Jason H. Culler

Application No.: 10/664,720

Filing Date: Sept. 17, 2003

Title: ON-CHIP VARIABLE OSCILLATOR METHOD AND APPARATUS

Confirmation No.: 4375

Examiner: J. Chang

Group Art Unit: 2817

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$50	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$200	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: April 4, 2005

Typed Name: Debra L. Mitchell

Signature: Debra L. Mitchell

Respectfully submitted,

Jason H. Culler

By [Signature]

Kevin K. Johanson

Attorney/Agent for Applicant(s)  
Reg. No. 38,506

Date: April 4, 2005



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Jason H. Culler

**Serial No.:** 10/664,720

**Filed:** September 17, 2003

**For:** ON-CHIP VARIABLE OSCILLATOR  
METHOD AND APPARATUS

**Confirmation No.:** 4375

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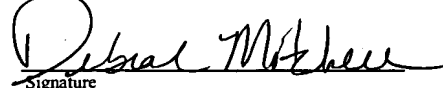
**Group Art Unit:** 2817

**Attorney Docket No.:** 200206865-1

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

April 4, 2005  
Date

  
Signature

Debra L. Mitchell  
Name (Type/Print)

**RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This communication is in response to the Election of Species Restriction Requirement mailed on March 4, 2005, the initial period for response to which expires on April 4, 2005.